

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An illumination system ~~consisting of~~ comprising phosphore particles dispersed in a solid, durable matrix ~~while enabling it to~~ wherein the ~~illumination system can~~ be handled by a user.

Claim 2 (Currently Amended): The illumination system as claimed in claim 1, ~~characterized in that~~ wherein the phosphore particles are phosphores within the visible region.

Claim 3 (Currently Amended): The illumination system as claimed in claim 1, ~~or 2,~~ ~~characterized in that~~ wherein the phosphore particles can be excited by electromagnetic radiation in the UV, visible, IR region or by X-rays or by gamma rays, or by a beam of particles (electrons, ions) or by an electric field.

Claim 4 (Currently Amended): The illumination system as claimed in ~~one of the~~ preceding claims, ~~characterized in that~~ claim 1, wherein the matrix is inorganic.

Claim 5 (Currently Amended): The illumination system as claimed in claim 4, ~~characterized in that~~ wherein the matrix comprises lithium silicate.

Claim 6 (Currently Amended): The illumination system as claimed in claim 4, ~~characterized in that~~ wherein the matrix comprises a product of the polymerization/polycondensation of a silicon alkoxide.

Claim 7 (Currently Amended): The illumination system as claimed in ~~one of the preceding claims, characterized in that~~ claim 1, wherein the matrix is in the form of a thin layer adhering to a substrate.

Claim 8 (Currently Amended): The illumination system as claimed in ~~one of the preceding claims, characterized in that~~ claim 1, wherein the phosphore particles are in aqueous suspensions and ~~characterized in that their~~ wherein the phosphore particle size is at most equal to 100 nm, ~~preferably 30 nm, preferably 10 nm,~~ and in that the assembly that ~~they~~ the phosphore particles form with the matrix is transparent.

Claim 9 (Currently Amended): The illumination system as claimed in ~~one of claims 1 to 7, characterized in that~~ claim 1, wherein the size of the phosphore particles ~~lies is~~ between 0.5 and 10  $\mu\text{m}$ .

Claim 10 (Currently Amended): The illumination system as claimed in claim 9, ~~characterized in that~~ wherein the matrix comprises particles scattering that scatter visible light.

Claim 11 (Currently Amended): The illumination system as claimed in ~~one of claims 7 to 10, characterized in that~~ claim 7, wherein the substrate is capable of exciting phosphore particles, in particular an electroconductor, in particular of the UV electroluminescent type.

Claim 12 (Currently Amended): The illumination system as claimed in ~~one of claims 7 to 10, characterized in that~~ claim 7, wherein the substrate is capable of emitting radiation with a wavelength in the visible region under suitable excitation.

Claim 13 (Currently Amended): The illumination system as claimed in claim 12, characterized in that wherein the substrate is made of comprises glass with a cerium content capable of emitting blue light under ultraviolet radiation.

Claim 14 (Currently Amended): The illumination system as claimed in claim 7, characterized in that wherein the substrate is made of comprises glass, in particular in the form of a sheet, slab, tube, fiber or fabric.

Claim 15 (Currently Amended): The illumination system as claimed in claim 7, characterized in that wherein the substrate is made of comprises plastic.

Claim 16 (Currently Amended): The illumination system as claimed in ~~one of the preceding claims~~, characterized in that claim 1, wherein the phosphore particles emitting emit different wavelengths of radiation and are associated there with, separated from each other and homogenized, so as to produce light, especially white light.

Claim 17 (Currently Amended): The illumination system as claimed in ~~one of claims 1 to 15~~, characterized in that claim 1, wherein the phosphore particles that are identical or emit different wavelengths are associated therewith in variable compositions and/or concentrations, so as to form signs such as written or similar signs, or for ~~any other, especially a decorative purpose, or any other purpose~~.

Claim 18 (Currently Amended): The application of an illumination system as claimed in ~~one of the preceding claims~~ claim 1 to a transparent device.

Claim 19 (Currently Amended): The application of an illumination system as claimed in ~~one of claims 1 to 17~~ claim 1 to a light-scattering device.

Claim 20 (Currently Amended): The application as claimed in claim 18 ~~or 19~~ to a lamp, in particular a thin one, or to a device illuminating at night, in particular for signs, or for decorative purposes, or to a flat lamp.

Claim 21 (Currently Amended): The application as claimed in ~~one of claims 18 to 20~~ claim 18, to monolithic, laminated, single glazing or multiple glazing designed for buildings, to a transport vehicle, such as an automobile rear window, side window or roof, to any other terrestrial or aquatic vehicle or aircraft, to street furniture, such as a bus shelter, to a road sign or to an advertisement panel, to an aquarium, to a store window, to a glasshouse, to interior furniture, to a mirror, to a screen for a display system of the computer type, to a television, to a telephone, to electrically controllable glazing such as electrochromic glass, to liquid crystals, to electroluminescent material or to photovoltaic glass.